

and local planning, cutting edge technology, as well as research and funding opportunities.

A major achievement in 2005 was the implementation of a Sustainability and Environmental Management System (SEMS) to train installation staff and Soldiers on sustainability and environmental performance management on an ongoing basis.

Fort Carson's 25-Year Sustainability Goals

- 1.** Sustain all facility and mobility systems from renewable sources, and reduce the total water purchased from outside sources by 75%.
- 2.** Reduce automobile dependency and provide balanced land use and transportation systems.
- 3.** Improve communication to foster understanding and attain a "Community of One."
- 4.** Enhance partnering to collaboratively develop, integrate, and implement regional sustainability.
- 5.** Reduce the total weight of hazardous air pollutant emissions to zero.
- 6.** Further integrate sustainability principles into the Fort Carson land use planning, Real Property Master Planning, and Military Construction, Army programming processes.
- 7.** All applicable facilities at Fort Carson will be high performance buildings that meet or surpass the Platinum Standard of SPiRiT or LEED rating.
- 8.** Key stakeholder groups are trained, compliant

and motivated toward sustainability principles.

9. All Department of Defense and Fort Carson procurement actions support sustainability.

10. The total weight of solid and hazardous waste disposed of is reduced to zero.

11. Training Ranges (land and associated air space used for live fire ranges, maneuver, testing and development designated for Military Operations in Urban Terrain training) capable of supporting current and future military training to standard.

12. Advance a sustainable mission and Fort Carson by adopting an SEMS and by imparting (passing on) a personal commitment and enthusiasm for sustainability.

Resources

- The Army's Sustainability website:
<http://www.sustainability.army.mil/>
- Fort Carson's SEMS website:
<http://sems.carson.army.mil>
- SEMS Training Hotline – (719) 526-4340

For more information or to send comments and suggestions, contact the Fort Carson Sustainability Planner at (719) 526-9777.

Department of the Army
Directorate of Environmental
Compliance and Management
Attn: BESD (Sustainability Planner)
1638 Elwell St. Bldg. 6236
Fort Carson, CO 80913-4000



Sustain the Mission
Secure the Future



Sustainable
Fort Carson
2006

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The United States Army has long recognized that our mission is only accomplished because America entrusts us with its most precious resources – its sons and daughters. It is our obligation to ensure that our Soldiers today – and the Soldiers of the future – have the land, water and air resources needed to train; a healthy environment in which to live; and the support of local communities and the American people.

To underscore the importance of sustainability, the Acting Secretary of the Army and the Army Chief of Staff designated sustainability as the Army's Strategy for the Environment Oct. 1, 2004. The Army strategy emphasizes the triple bottom line of ***Mission, Environment and Community***.

Fort Carson has long been an Army model of environmental stewardship with an established a history of community involvement. Adopting a sustainability approach to future planning and current operations was a logical next step for the installation.

Fort Carson began its journey toward sustainability with a regional conference in 2002, where the installation and community stakeholders established 12 long-term goals (see back page). Since then, Fort Carson has been working toward achieving the goals through numerous initiatives and projects.

What is Sustainability?

Sustainability is acting in a manner that meets the needs of the present while still allowing for future generations to meet their needs.

Sustainability considers not only the environmental impacts of operations and decisions, it also considers the economic and social (community and individual well-being) factors associated with an organization's actions. Operating in a sustainable fashion goes beyond compliance, can save money and resources and considers the health and happiness of everyone on the post and in the community, *now and in the future*.

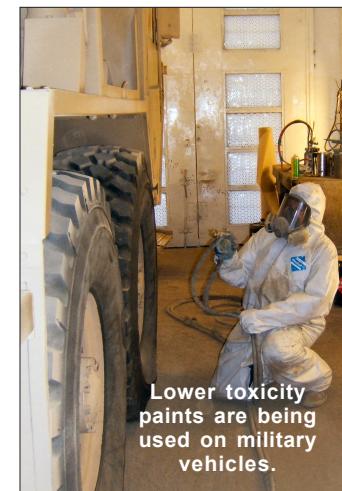
Why Implement Sustainability?

It is our obligation to ensure that Fort Carson Soldiers today – and the Fort Carson Soldiers of the future – have the land, water and air resources they need to train; a healthy environment in which to live; and the support of local communities and the American people. For those reasons, Fort Carson embraces sustainability as a partnership between our present and our future.

Our Sustainability Successes

Fort Carson has achieved significant progress in several of its goal-related initiatives.

Conservation easements are being purchased for the dual



purpose of offsetting the negative impact of encroachment on our training mission and to protect sensitive species habitat and native plant communities.

The installation is reducing solid waste by deconstructing old buildings and constructing new facilities to be more sustainable. The new golf course club house completed in March 2005 achieved a Gold rating through the Army's Sustainable Project Rating Tool (SPiRiT) program, which is based on Leadership in Energy and Environmental Design (LEED) ratings.

In fall 2005, Fort Carson began purchasing renewable energy certificates through the Western Area Power Administration. Currently, 29 percent of installation energy purchases support renewable sources.

Significant reductions in hazardous air pollutants have been achieved by using low toxicity paints for military vehicles and road striping operations.

Fort Carson recognizes the advantages of collaboration and is realizing benefits with partners such as the University of Colorado at Colorado Springs, the National Renewable Energy Lab, the Nature Conservancy and many other agencies. These alliances offer outside expertise in regional